Operating instructions TV

LOEWE.

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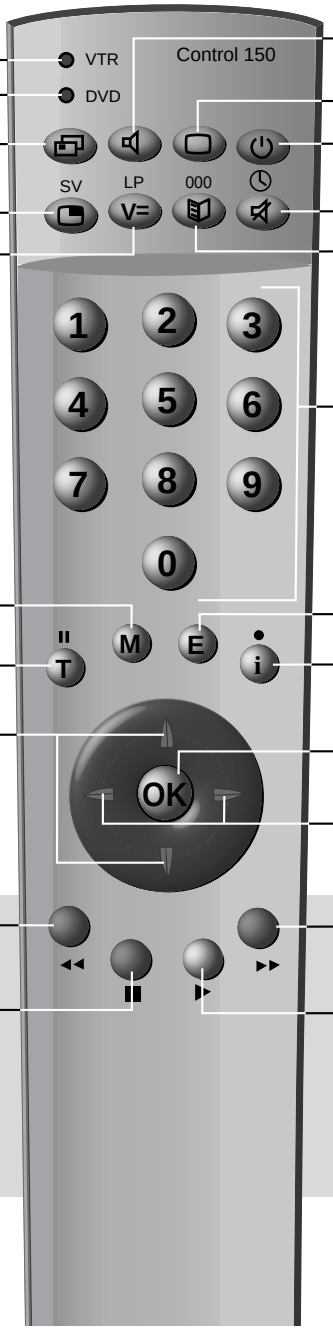
Remote control – TV functions



Indicator: Operate VCR

Indicator: operate DVD

Direct operation select for VCR/DVD/TV

* PIP operation on/off

Video operation with video operating line on/off

Adjust sound

Adjust picture

Switch on/off – in standby mode

Sound off/on (Mute)

Programme info on/off

Select programme directly /in the menu: numeric input

Call up menu /in the menu: back

Teletext on/off

Blend in programme, time /in the menu: blend out menu

Call up main information /in the menu: switch info texts on/off

Select programme up/down /in the menu: select up/down

Call programme overview /in the menu: confirm

Set volume – / + /in the menu: select or adjust left/right

Still picture

Set picture format

Programme info on/off

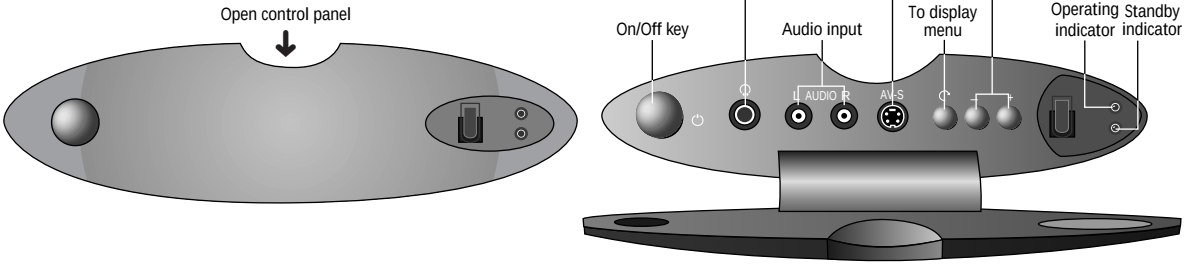
Last programme

You can assign other functions to these keys for TV operation. Assign these functions in the TV menu under – Settings – Function Keys.

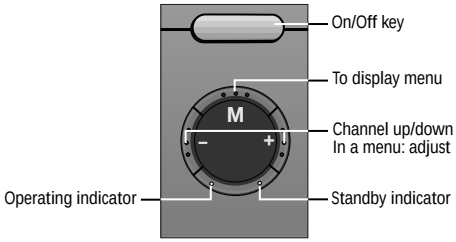
* only in sets with Picture In Picture function

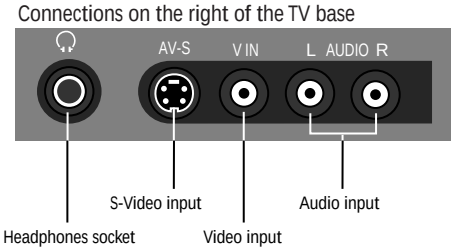
Operating Panels

Arcada
Calida

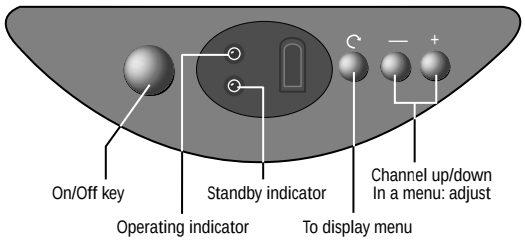


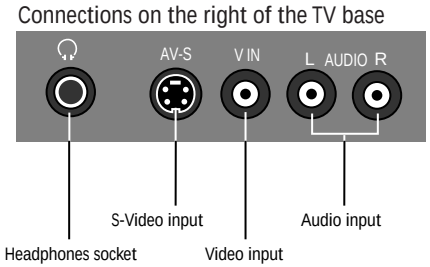
Vitros

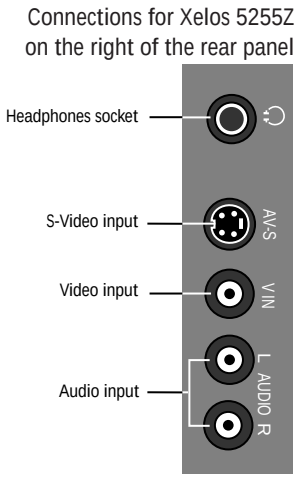




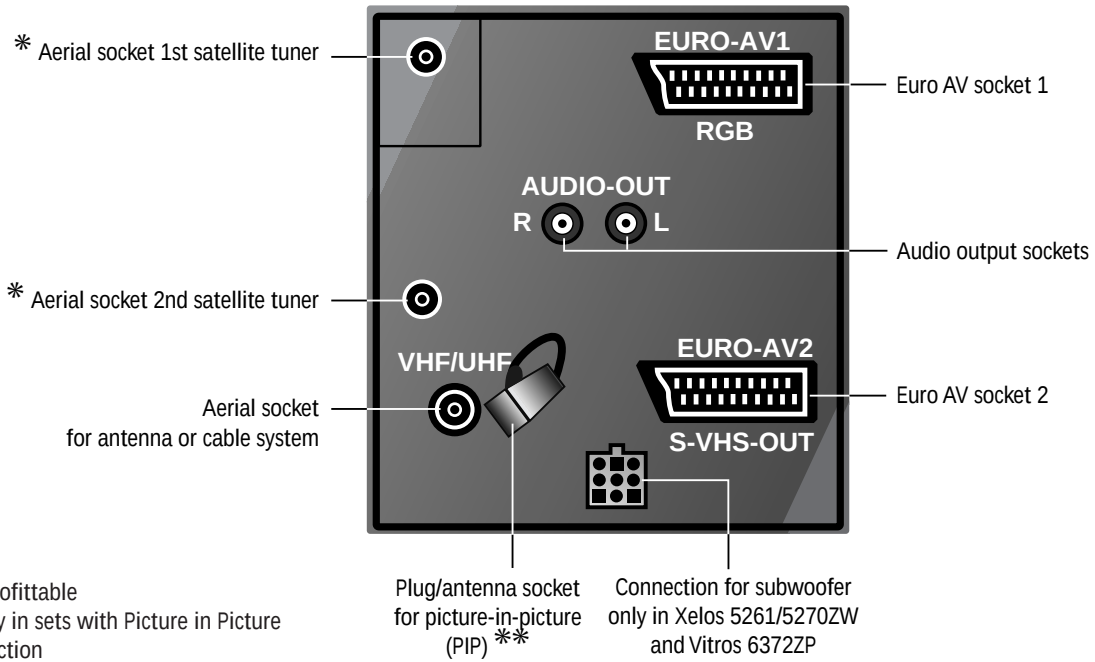
Xelos







Connections on the Reverse



* retrofittable
** only in sets with Picture in Picture function

Welcome

Thank you,

for choosing a Loewe product.
We are happy to have you as a new customer.

At Loewe we combine the highest demands on technology, design and user friendliness. This applies equally to TV, video and accessories. Neither the technology nor the design shall be an end in themselves but shall rather provide our customers with the highest possible viewing and listening pleasure.
With the design, we have not let ourselves be guided by short-lived fashionable trends. After all, you have purchased a high-quality appliance which you don't want to get tired of looking at tomorrow or the day after.

About the appliance
We have designed the TV so that you can operate it easily with the aid of menus. When you need operating information, simply fade in the info texts with the i-key and you will quickly understand the connections.

You will find the answers to many technological questions in your TV's index. As far as the operation of the TV set is concerned, you can call up a function directly from the index. There is then no need to read detailed operating instructions and therefore only the most important operating steps are explained in these operating instructions.

You can control three Loewe appliances with the remote control; in addition to this TV set, a video recorder and a Loewe DVD player.

Equipment of the TV sets

The maximum equipment is described in this operating manual.
Functions marked * are not contained in all sets.
The illustrated menu contents may vary depending on the equipment of the set.
You can find out about the equipment of your TV set under Main Information - Technical spec. of TV set.

Installation and Cleaning

Vitros television sets have recessed grips on the left and right sides at the front. Hold the set by these grips when carrying it; do not carry it by the base, since this can damage the grille.
Place the TV in a location with space for ventilation.

Please note that, because of the weight of the television set, its feet may leave impressions on furniture made from soft wood (e.g. spruce, fir, pine). Sliding the television set along a surface will also leave marks.
The plastic material of the feet contains plasticisers which occasionally may etch the surfaces of furniture. In such cases, use a pressure-resistant mat that is approximately the same size as the base area of the television set.

Please note and follow the safety instructions on the following pages.

Make sure the quality of the picture is not impaired by reflections of bright light or sunlight.

Clean the TV set and the remote control with a damp, soft, clean cloth (without any aggressive or abrasive cleaning agents).

For your own safety ...

For your own safety and to prevent any unnecessary damage to your television set, please read and take note of the following safety precautions:

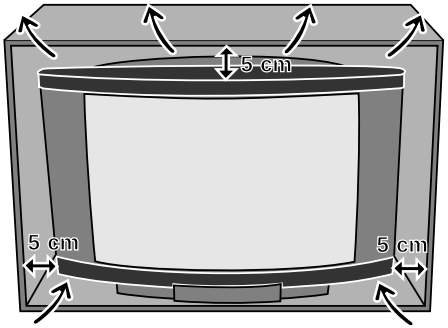
- This television set is only intended for the receiving and reproduction of sound and image signals.

- This television set has been designed for use in homes and offices and should not be used in rooms with a high air humidity (e.g. bathroom, sauna) or where there is a lot of dust (e.g. workshops). If, in exceptional cases, the set is to be used outdoors, ensure that it is protected from moisture (rain, splashes or dew). High levels of moisture and high concentrations of dust will cause leak currents in the set. This can result in a risk of electrical shock and may also present a fire risk.
  The manufacturer's warranty is only valid for use in the permitted environments, as stated.

- This set may only be connected to a power supply that has the voltage and frequency stated on the type plate. It may only be connected to the power supply using the power cable provided. Incorrect voltages may damage the set.

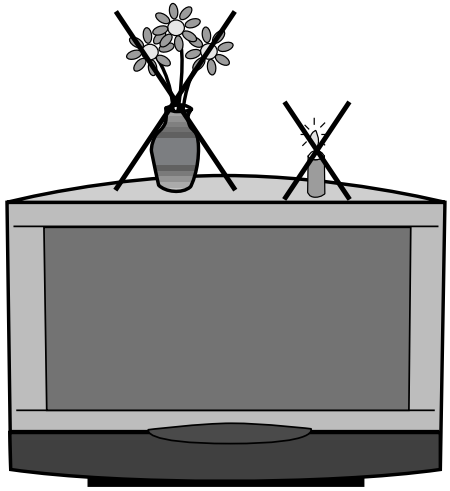
- If the set is brought from a cold environment into a warm room, all its components will become damp (with condensation). Moisture will cause leak currents, which may result in a fire. In such cases, do not switch on the set until it has had enough time to warm up (when the mist has cleared from the screen).

- Like all electronic equipment, your television set requires air to cool it. If the air supply is restricted, this may result in a fire. Under no circumstances should you cover the air vents on the back of the set. Do not place any newspapers or covers on the television. The air supply will also be impaired if the television is placed on a bedspread or thick-pile carpet.



If the set is to be placed in a cupboard or on a shelf, gaps of at least 5 cm at the sides and 10 cm at the top must be left to ensure good air circulation.
Do not place your set in direct sunlight or anywhere where it is likely to be exposed to additional heat from heaters.

- Ensure that no metal parts, needles, paperclips, liquids, wax or similar products get into the inside of the set through the ventilation slots in the back. This will cause short circuits, which may then cause a fire. If something should get into the set, switch the set off immediately using the on/off switch, pull the plug out and contact customer services to get the set checked.

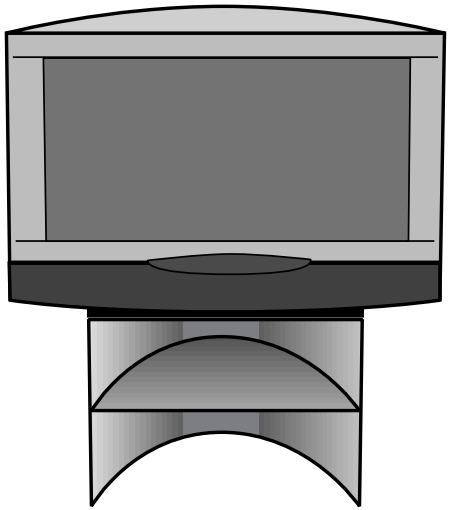


Do not place any burning candles, flower vases filled with water, etc on the television set.

- Under no circumstances should you remove the back of the television set yourself. The set operates at extremely dangerous high voltages. Have your television set repaired and serviced only by authorised television technicians.

- Because of their tubes, the centre of gravity of television sets is located far forwards. As a result, the television has a tendency to tip forwards relatively easily. This can cause injury.
  Only place your television set on level, stable surface. Ensure that the set can stand on all feet. The television set should not jut out at the front, particularly when installed in cupboards or on shelves.
  When placing the set on a stand, ensure that the stand is larger than the base area of the set.

  When using revolving or extending bases, ensure that the load-carrying capacity of the bases is sufficient for this purpose.



If possible only use original accessories, such as Loewe racks and stands.

If the television set is on a mobile console, move the console carefully otherwise both the console and the set may tip over. Mobile consoles can markedly reduce the stability of equipment placed on them. Therefore only use mobile consoles that have been tested and are intended for use with the set.

Do not allow children to operate the set unsupervised.

Do not allow children to play in the immediate vicinity of the television set. The television may be tipped over, moved or pulled from its stand and may cause injury.

- Do not put the television set in a position where it will be subjected to vibrations. Vibrations will place excessive stress on the materials.
- Do not leave the set unattended when it is switched on.

- In thunderstorms, disconnect the aerial and the mains plug. Voltage surges from lightning strikes may damage the set through both the aerial and the mains power supply.
  Disconnect the aerial and the mains plug if you are also going away for a long time.

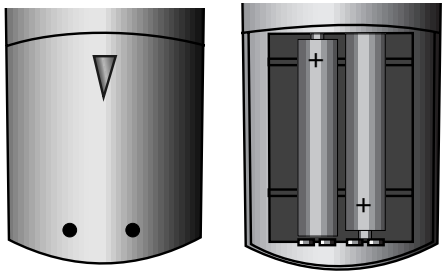
- The television set's mains plug must be easy to reach so that the set can be disconnected from the mains at any time.

- The mains cable should be laid where it cannot get damaged. The mains cable should not be bent, laid over sharp edges, walked over or exposed to any chemicals; the latter also applies to the entire set. If the insulation on the mains cable has been damaged, this may cause electric shocks and also presents a fire risk.
- When pulling out the mains plug, hold the plug housing, do not pull on the cable. Otherwise the cable in the plug may be damaged and cause a short circuit the next time it is plugged in.

First Use

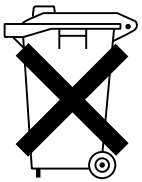
Batteries - Remote Control

To insert or replace the batteries press where the arrow is imprinted. Slide the battery compartment cover downwards and remove it. Insert batteries of the type Alkaline Manganese LR 03 (AAA) and make sure + and – poles are the right way round.



Then slide the cover back up.

Notes on battery disposal:



The original batteries do not contain any pollutants such as cadmium, lead and mercury. Used batteries do not belong in the domestic waste. They must be taken to the appropriate collection points according to the national laws. Ask your dealer.

Connection

Power supply
Connect the TV set to a 230V/50-60 Hertz socket.

Aerials
Connect your aerial or cable system to the VHF/UHF aerial socket.
If the set is equipped with a Picture in Picture tuner (PIP), plug the aerial plug which emerges above the antenna socket into the antenna socket for the PIP tuner.
If the set is equipped with one or two satellite tuners, connect the Sat aerials to the SAT sockets (see fig. page 45).

Switching on

Press the On/Off key so that it clicks into position.

Switching on for the first time

The TV's automatic programming is activated the first time you switch it on.
First you have to select the menu language for your TV set. Then specify which aerial you have connected to your TV and in which country you are operating it.
Follow the menus and then start the automatic programming.

Select the settings with the arrows on the ring ...

... confirm your settings with **OK**. You then come to the next menu ...

... press this key if you need information about the settings.

Use the pre-programmed satellite stations if necessary, otherwise they will be erased. Once you have answered all the questions for the automatic programming, your settings will be displayed.
Check whether all the settings are correct.
Then start the automatic programming with the **OK** key.
The TV searches for, saves and sorts all the channels that can be received by your aerial system. The channel preview will be displayed after the automatic programming.

You can repeat switching on for the first time at any time, e.g. after moving house or retrofitting satellite tuners. Call up the index in the Main Information (**i**-key). Then select the index item „First time switching on - repeat". Then start „First time switching on" with **OK**.

Daily Use

Switching On/Off

Your TV set is equipped with an eco-standby power supply unit. The power consumption in standby operation drops to below 1 Watt. This means using 30% less energy than with conventional appliances.
If you want to save even more energy, switch off the TV with the On/Off key. This disconnects the TV from the mains.

If the TV is switched on, you can switch it to standby with the blue On/Off key on the remote control. The red standby indicator on the set lights up. If the green indicator is also lit up, a timer recording has been programmed or Sat radio is activated.

From the standby mode it is best to switch on again with the blue On/Off key or with a number key (channel 0 - 9). The green operating indicator then lights up.

If you switch off the TV with the On/Off key on the set, none of the indicators are lit up any more.

Switch on the TV with the On/Off key on the set if it is switched off.

Changing Channels

Channels up/down

With the number keys on the remote control

1-digit channels
Keep the 0 - 9 key pressed down for one second, the channel then changes immediately.
Or tap the 0 - 9 key, the channel then changes after 2 seconds.

long

short long

2-digit channels
Keep the second number key pressed down for one second, the channel then changes immediately.
Or tap both number keys, the channel then changes after 2 seconds.

short short short

3-digit channels
Press all number keys briefly, the channel then changes immediately.

short short short

All channels can be entered with three digits, e.g. 007 for 7.

With the channel preview

Call up the channel preview with **OK**

select channel

call up

On the TV set

Channel up

Channel down

Adjusting sound

Adjust volume

Call up „Sound adjustment“ menu

adjust
no – Pop – Classical – Speech

Additional sound adjustments can be made in the TV menu - press **M** key – select „Sound“.

Adjusting volume on the TV set

Press function key, „Volume“ is marked

louder

quieter

Adjusting picture

Call up „Picture adjustment“ menu

adjust
normal – daytime – evening

Additional picture adjustments can be made in the TV menu - press **M** key – select „Picture“.

Adjusting contrast and colour on the TV set

Press function key until „Contrast“ or „Colour“ is marked

more contrast or colour

less contrast or colour

Operation of the Menus and Modes of Operation

General menu operation

Call up the menu (graphic user guidance); different menus are displayed depending on the mode of operation of the TV (TV, Video or Teletext).

In TV mode without fade-in, you will see the **TV menu**.
If Picture In Picture is activated *(green frame), you will see the **PIP menu**.
If the video operating strip is faded in, you will see the **Video menu**.
If you have switched over to teletext, you will see the **Teletext menu**.

select a menu item up / down

adjust or operate a selected function right / left
... or

... call up selected submenu with **OK**

... fade info texts in/out if these are offered

back to the previous menu level

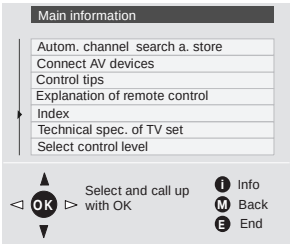
fade out menu

You can see which keys you can operate in the menu at the bottom of the respective menu.

In addition, the coloured function keys have different functions in every mode of operation.

Main Information

Call up Main Information ...
(if no menu display is activated, TV mode)



In the Main Information you will find, for example:

The **Index** contains technical terms and answers many of your questions concerning the TV. If it's a question about the operation, you have direct access to the operating function from the index.

The **Explanation of the Remote Control** shows the function of every key in the different operating modes of the TV and the remote control.

Loewe TV sets are available in different equipment variations. You can find out how your TV set is equipped under the menu item „**Technical spec. of TV set**".

select up / down

call up sub-menu with **OK** or confirm selection

... fade info texts in/out if these are offered

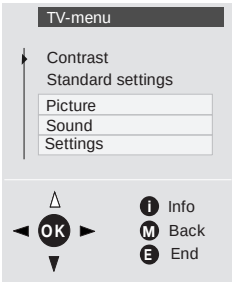
back to the previous menu level

fade out menu

TV Operation and TV Menu

TV-mode/TV exists when neither the Teletext nor the Video operating mode is activated.

Call up TV menu ...



In the TV menu you will find everything you need to know about the TV settings.

Function of the colour keys in TV mode
You can assign your own functions to the four colour keys. The following functions are set at the factory:

Adjust still/moving picture

green, call up Picture format menu

yellow, call up last viewed channel

blue, call up teletext subtitles

Selecting other functions for the colour keys:
You can assign other functions to the keys under the menu item „Settings" – „Function keys".

* Picture In Picture Mode and PIP Menu

Fade PIP picture in/out

Function of the colour keys in Picture In Picture mode

red: PIP still frame on/off

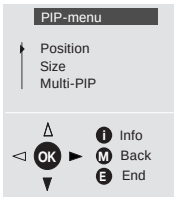
green: switch between PIP and TV mode. With multi-PIP additional selection which small picture is active. This marks in which picture a programme is to be changed and which picture is to appear as a moving picture in multi-PIP. If the PIP picture has a green frame, the TV set is in the PIP mode, if it has a white frame the TV is in the TV mode.

yellow: replace active PIP picture with TV picture

blue: Start/stop Play PIP programmes; in multi-PIP: Update PIP pictures one after another

PIP menu

blend in PIP menu



In TV sets with 16:9 screens the Split Screen function can be set (type: right symbol). The PIP picture is shown in full height on the right side of the screen. Multi-PIP is only possible in sets with a 16:9 screen.

If you have added two satellite tuners (Twin-Sat) and you have a built-in PIP tuner, the PIP tuner is disabled. To obtain picture-within-a-picture view, one of the two satellite tuners or the remaining active VHF/UHF tuner is used. Picture-within-a-picture view of two VHF/UHF signals is no longer possible.

Teletext Mode and Teletext Menu

Teletext on/off

Function of the colour keys in teletext

The coloured bars at the bottom of the teletext show you to which chapters you can turn.

red: back to previously viewed page

green: turn to next page

yellow: turn to next chapter (only with TOP and FLOF)

blue: turn to next main chapter (only with TOP and FLOF)

TOP and FLOF are teletext operating systems. Loewe TV sets use both systems if they are transmitted.

The menu lines underneath the coloured bars show you other options for quickly selecting pages:

mark a page number specified on the teletext page ...

and ...

... display with **OK**

scroll in the stored sub-pages. You can see which sub-pages are already stored in the bottom line of the menu.

Only pages marked as sub-pages by the station are stored. Unmarked sub-pages change automatically.

Additional teletext functions

Enter page number directly

Hold automatically changing sub-pages (HOLD)

Adjust size: top part
- lower part - normal size

to Overview page 100

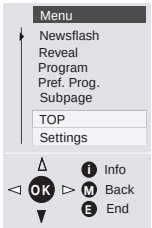
Call up TOP table with **OK**. The TOP table is an overview list of the teletext channel. The table can only be called up for stations with TOP operating system.

... Select subject areas in the TOP table and ...

... call up with **OK**

Teletext menu

Fade in teletext menu



You will find other functions in the teletext menu such as: display „New Message“, „Uncover“ hidden information, switch to other teletext channels (if another tuner is available) and enter 4-digit sub-page number directly.

Video Mode and Video Menu

Exclusively for operating Loewe video recorders with Digital Link (connected to one of the AV sockets).

V= Fade the video operating strip ... in/out

If you have logged in two video recorders, you will see a video operating strip for every connected appliance.

Select the video operating strip if two video recorders are connected

Select function

OK Execute selected function with **OK**

Switch appliance on/off

AUX Select the video input (Euro-AV socket) on the video recorder

Rewind or reverse search

STOP

PLAY

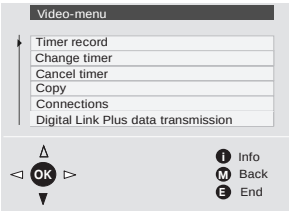
Fast forward or forward search

Pause/Still

● Record: The channel currently selected is recorded.
Now you cannot switch to another channel (locked). The lock is only released when you stop recording.
Exceptions:
1. You have installed several tuners (not PIP tuner) in the TV set, then you can view another channel with the second tuner.
2. You can also view the signal (e.g. of a DVD player or another video recorder playback) via an AV connection.
3. With a video recorder with Digital Link Plus, the tuner of the video recorder is used to record.

Video menu

M Fade in the video menu

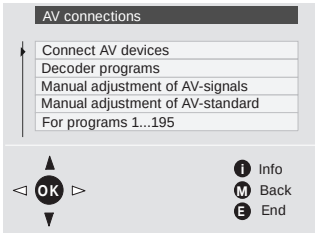


In the Video menu you have options for setting the timer for recording TV channels with a connected video recorder. In the „Connections“ menu you can log in other AV equipment.
„Digital Link Plus data transmission“ is used to transmit the station data of the TV set – not a satellite station – to the video recorder (is only displayed if a Digital Link Plus Recorder is logged in and connected).

Operation of additional equipment

Logging In and Connecting Audio/Video Equipment

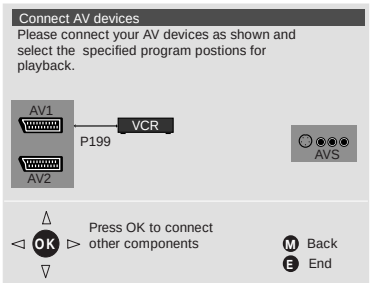
First log in the appliances you want to connect in the Main Information under the menu item „Connect AV equipment“. The TV set creates a connection diagram showing you the sockets to which you can connect your AV equipment.



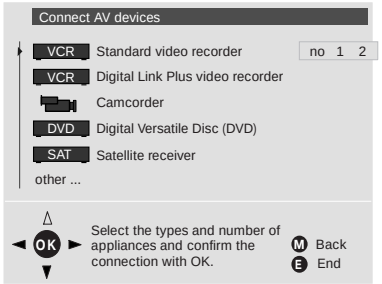
First select „Connect AV equipment“.

Press **OK**

You will see a connection diagram: e.g. a standard video recorder connected to the EURO AV socket 1.



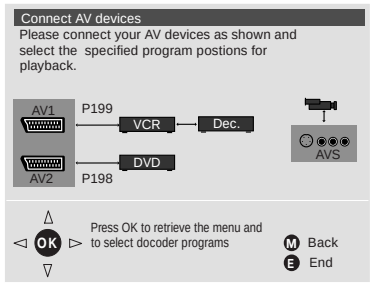
If you have other or more appliances, press **OK**.



Now select the type and number of appliances you want to connect from the list.

If, for example, you have selected one Digital-Link Plus video recorder, one decoder, one DVD player and one camcorder, press **OK**.

A new connection diagram is displayed corresponding to the selected video equipment. If a Pay-TV-Decoder is connected, you must



specify the Pay TV channel in the „Decoder Channel“ menu in the following menu.

Connect your equipment as shown in the menu.
A video recorder with Digital-Link Plus must be connected to the EURO-AV socket 1.

Depending on which video equipment is selected, the TV set sets the signal type. The AV norm is also set according to the country selected the first time the set is switched on. If you need a different AV norm for the appliance to be connected, e.g. NTSC, set this in the menu „Manual adjustment of AV-norm“.
If you want to connect equipment which is not listed in the connection diagram, then select in the „AV connections“ menu → „Connect AV equipment“ → **OK** and
the line „Other component to AV ...“ under „other...“. Mark „yes“. Then press OK. The AV connection is displayed in the connection diagram. Press **OK** and then select the **signal type**, e.g. RGB or Y/C.
If you only want to use the audio level of the TV set, because a Dolby Surround Module is connected, for example, then in the „Connect AV equipment“ menu select the line „Other component to AV …“ and mark „yes“. The signal type for this socket must then be set to hi-fi system. This will mean that a few seconds after selecting the socket, the screen will be turned off.

Video Playback

You can call up the AV channels using the channel keys or using the channel preview. The channels are:
000 for video recorder, playback via aerial input
199 for EURO-AV 1,
198 for EURO-AV 2,
197 for the front socket AVS

You can also use any other channel number for video playback if a switching voltage is transmitted by the AV appliance during playback and you enable the switching voltage in the Main Information - menu item „Connect AV equipment“ – „AV connections“ – „For channels 1 … 195““.

Operating the Video Recorder and DVD Player Directly

You can also switch over the remote control of the TV to operate the Loewe video recorder and Loewe DVD player directly.

Select the appliance to be operated:
for video recorders:
the VTR display on the remote control lights up ...

press again, the DVD display lights up ...

press again, none of the indicators are lit up any longer, the TV mode is activated.

If you switch over to another appliance (e.g. accidentally), the TV can, of course, not be operated. In this case, switch back to TV (press repeatedly until the display is no longer lit up) or wait 20 seconds until the remote control switches back to TV mode automatically.
If the video recorder or the DVD player is no longer operated (after 20 seconds), the display of the remote control switches off and back to TV mode.
Note: With the Loewe video recorders VV3600H, VV8500H and VV5000M, use the original remote control or the video control strip which you call up with the **V=** key.

What to do when ...

Problem	Possible cause	Remedy
Various menu items, such as „Settings“ in the TV menu, „Connections“ in the video menu and teletext menu, are not displayed	„Simple control“ activated in the Main information	Deactivate „Simple control“ in the Main Information, press the **i**-key, select „Select control level“ and call up with **OK**. Set „Simple control“ to „no“.
„Connect AV equipment“, „Connections“, „Timer record“, „Change timer“ or „Cancel timer“ settings are not displayed	a) Timer recording is currently in progress b) You are in the process of recording from the TV set with the video operating strip c) No video appliances are logged in	a) Wait until the timer recording has finished or clear timer (then the recording is aborted!). b) Wait until you stop the recording. c) The recording and timer functions are only possible if video recorders are logged in.
In the TV menu, the menu item „Channels“ and in the Main Information the item „Automatic channel search“ are missing	The child lock is activated. If these menus were accessible, children could still set the channels.	Deactivate the channel-related child lock. Switch off the child lock in the TV menu - Settings.
Control of the Loewe video recorder via the video operating strip and the timer do not work properly or not at all	a) The Digital Link function in the video recorder is not activated or not possible b) Euro AV cable not connected or not fully equipped (pin 8)	a) Activate Digital Link in the video recorder (see operating instructions for the video recorder, in newer video recorders in the menu under „Settings“) b) Connect or replace the Euro AV cable.
General problems when connecting external appliances via an AV input	a) The appliance is not logged in under the „Connect AV equipment“ menu or connected differently to that shown in the connection diagram b) The AV norm is set incorrectly c) The AV signal is set incorrectly	a) Compare the connection diagram in the „Main Information“ under „Connect AV equipment“ with the actual installation and, if necessary, connect as shown or re-log in. b) Set norm correctly. c) Set the AV signal correctly. If „Automatic“ is set for AV norm or AV signal, this may lead to incorrect detection for signals outside the norm. Then the norm and the signal must be set according to the specifications in the operating instructions of the external appliance.

Problem	Possible cause	Remedy
Connection of a decoder does not work or malfunctions	a) The signal is not decoded because in the Main Information - Connect AV equipment - Decoder-channels - For decoder connected to AV ... the decoder channel locations are not marked in blue b) There is no sound in decoder mode because in the Main Information - Connect AV equipment - Decoder channels - Sound via AV socket ... - is not set correctly	a) In sub-item „For decoder connected to AV ...“ mark the channel locations at which the decoder is necessary. b) Correct setting (see decoder instructions).
No sound over the TV loudspeakers	a) In the Sound menu the item „Sound via …“ under „Sound“ is set to „hi-fi-system“ b) In appliances with a 9-pin cubic socket at the rear, nothing is connected to this socket	a) Change setting to „TV“. b) Either a dummy plug with bridges or a Loewe Subwoofer has to be inserted in the cubic socket.
All menus appear in the wrong language	Menu language was accidentally set incorrectly.	Set your menu language: 1. Switch off Picture In Picture (PIP)* and all fade-ins, press the **E** key 2. Call up the TV menu, press the **M** key 3. Select the last menu item and press the **OK** key 4. Select the last menu item on the last page and press the **OK** key 5. Now select the correct language and 6. ... confirm with **OK**.
Digital Link Plus does not work	a) The video recorder was not logged in as a Digital Link Plus appliance or was connected to the wrong socket b) Euro AV cable not fully wired (pin 10 not wired) c) A few video recorders can only take over the station when the TV appliance is switched on for the first time d) All or a few terrestrial and cable channels are stored at channel locations ≥ 99	a) Log in the Digital Link Plus video recorder under „Connect AV equipment“ and connect as shown in the diagram. b) Change the Euro AV cable c) Restore delivery condition of the video recorder (see operating instructions for the recorder) d) Re-allocate terrestrial and cable channels so that they are between 1 and 99.
Various characters are displayed incorrectly in teletext	The wrong character set was set in the teletext menu	Set the correct character set: Teletext Menu – Settings – Standard or the corresponding character set for your language.

Technical Data

Type	Arcada 8755 Z	Calida 5755 Z	Calida 5763 Z	Calida 5772 ZP	Vitros 6370 ZW	Vitros 6372 ZP
Part number	59409	59442	59445	59444	59477	59475
Dimensions (cm)						
B x H x D	53,0 x 49,5 x 49,0	53,0 x 49,5 x 49,0	59,5 x 56,0 x 45,0	68,0 x 62,0 x 50,5	73,5 x 53,5 x 53,5	84 x 62 x 55,5
Weight (kg)	25,0	25,0	28,5	42,5	40,5	57
TV tube	Black-Matrix	Black-Matrix	Blackline S	Super-Flatline	Real Flat-Line	Real Flat-Line
Format	4:3	4:3	4:3	4:3	16:9	4:3
Screen class	55, visible 51 cm	55, visible 51 cm	63, visible 59 cm	72, visible 68 cm	70, visible 66 cm	72, visible 68 cm

Type	Xelos 5255 Z	Xelos 5261 ZW	Xelos 5270 ZW			
Part number	59455	61456	59457			
Dimensions (cm)						
B x H x D	56 x 48,5 x 50	63,5 x 47,5 x 48,5	73,0 x 53,0 x 51,0			
Weight (kg)	24	27,0	37,0			
TV tube	Black Matrix	Black Matrix	Blackline WSF			
Format	4:3	16:9	16:9			
Screen class	55, visible 51 cm	61, visible 56 cm	70, visible 66 cm			

Electrical Data

Chassis designation	Q 4140
Frame repetition frequency	PAL/Secam 100 Hz
	* PAL 60/NTSC 120 Hz
Full Digital 100	AMD, DNC adjustable
Power supply	220 V to 240 V / 50-60Hz
Power consumption	During operation
	125 Watt
	Standby < 1 Watt
	Sat-Standby < 60 Watt
Ambient temperature	5° to 40° Celsius
Tuner VHF/UHF/ Cable	
(Hyperband 8 MHz)	42 MHz to 860 MHz
Channel location memories	200
TV standards *	PAL B/G
	PAL D/K
	PAL I
	PAL L
	PAL M/N
	PAL 60
	Secam B/G, D/K, L
	NTSC / NTSCV

Sound standard	Mono/Stereo/2-sound
	* Nicam B/G, L, I
Rated audio power	2 x 10 Watt / 8 Ohm
Audio music power	2 x 25 Watt / 8 Ohm
Teletext	HiText (Level 2.5)

Connections

Mini-DIN (Front)	Video IN	S-VHS / Hi 8
Cinch (Front)*	Video IN	VHS / 8 mm
Cinch (Front)	Audio IN	L + R
Jack 6.3 mm (front)	Headphones	32 - 200 Ohm
IEC-socket 75 Ohm		Aerial / cable
EURO 1	Video IN	S-VHS / Hi 8
	Video IN/OUT	VHS / 8 mm
	Video IN	RGB
	Audio IN/OUT	L + R
EURO 2	Video IN/OUT	S-VHS / Hi 8
	Video IN/OUT	VHS / 8 mm
	Audio IN/OUT	L + R
Cinch	Audio OUT	Level adjustable/fixed
Cubic socket 9-pin *		Subwoofer

* depending on equipment and type of appliance

Available Accessories

Racks
Ask your dealer, he will be able to offer you the matching rack for your equipment from the Loewe range.

Subwoofer L13 SW for Xelos 5261/5270ZW and Vitros 6372ZP
for powerful bass reproduction through the cubic socket in Xelos.

Satellite tuner and Twin-Sat tuner
with the greatest ease of operation and the most modern technology which can be integrated completely into the TV.

Dolby ProLogic Module DSP1 for Xelos 5261/5270ZW and Vitros 6372ZP
Manufactured under the licence of Dolby Laboratories Licensing Corporation.

The key number 3001 deletes the secret code and cancels the child protection.

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Subject to modifications!